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	FORM 1-1			_
(Bat 79-4/99 Pub 605)	A VAIAA A	•		

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))

(complete the following where a supplemental declaration is being submitted)
I hereby declare that the subject matter of the
attached amendment
was part of my/our invention and was invented before the filing date of the origin application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37. Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(i). If the certified copy is not in the English language, a translation need not be filed except in the case of interference: or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. §1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filling date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) 🗆	no such applications have been filed.	
(e) ⊠	such applications have been filed as follows.	
NOTE:	Where Item (c) is entered above and the International Application which designated the U.S.	Itself claime
	oriority check Item (e), enter the details below and make the priority claim.	

(Declaration and Power of Attorney [1-1] - page 3 of 7)

PRIOR FOREIGN/PCT APPLICATION(8) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY UNDER 37	
Japan	P2002·379665	27,12,2002	⊠ YES	NO 🗆
			☐ YES	NO 🗆
			☐ YES	NO 🗆
			☐ YES	NO 🗆
			☐ YES	NO 🗆

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)

(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:.

PROVISIONAL APPLICATION NUMBER	FILING DATE
/	
/	
/	

CLAIM FOR BENEFIT OF EARLIER U8/PCT APPLICATION(S) UNDER 35 U.S.C. § 120

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1] - page 4 of 7)

(Rel.79-4	/99 Pub.603	FORM 1-1	1-8
ALL		GN APPLICATION(S), <i>IF ANY,</i> FIL ONTHS FOR DESIGN) PRIOR T T	
NOTE:	basis for continua ATTORNI	plication filed more than 12 months from the filing de this application entering the United States as (1) the r tion-in-part, then also complete ADDED PAGES T EY FOR DIVISIONAL, CONTINUATION OR C-I-P AP on(s) under 35 U.S.C. § 120.	national stage, or (2) a continuation, divisional, or COMBINED DECLARATION AND POWER OF
		POWER OF ATTOR	NEY
		point the following practitioner(s) to prose Patent and Trademark Office connected t	
	B J	(list name and registration illiam B. Slate (37,238), Greg arry L. Kelmachter (29,999), Geo effrey R. Ambroziak (47,387), all 00 Chapel Street, Suite 1201, Ne (check the following item, if	ory P. LaPointe (28,395), orge A. Coury (34,309), and t of Bachman & LaPointe, P.C., w Haven, CT 06510-2802
	⊠	I hereby appoint the practitioner(s) as provided below to prosecute this application and Trademark Office connected Attached, as part of this declaration and of the above-named practitioner(s) to representative(s).	ation and to transact all business in the therewith. If power of attorney, is the authorization
SEND (CORRES	PONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)
٤	⊠ Add	iress	
	900	hman & LaPointe, P.C.) Chapel Street, Suite 1201 v Haven, CT 06510-2802	Gregory P. LaPointe (203) 777-6628, ext. 111
٥	⊠X Cus	tomer Number 34704	

(Declaration and Power of Attorney [1-1] - page 5 of 7)

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(\$)

- NOTE: Carefully indicate the family (or last) name, as it should appear on the filling receipt and all other documents.
- NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).
- NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53, 131, 53, 142, October 10, 1997.

Full name of sole or first inventor

Hideyo	·	Osanai
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature	Hideyo Voano	·
Date <u>Pec 19, 2003</u>	Country of Citizenship	Japanese
Residence Nagano, Japan	, same as below	
Post Office Address 2115-1	·101, Hirookatakaide, Shioj	iri-shi,
Nagano 399-0703, Japan		
Full name of second joint inv	entor, if any	
Susumu	*	<u>Ibaraki</u>
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature	makoto nam	Lopa Susumu Ibarak
Date Dec 19,20	Country of Citizenship	Japanese
Residence Nagano, Japan	, same as below	
Post Office Address 12-20,	Daimonkikyo-cho, Shiojiri-sl	hi,
Nagano 399-0745, Japan		
Full name of third joint inven	tor, If any	
Ken	· · · · · · · · · · · · · · · · · · ·	Iyoda
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
inventor's signature	Ken drygda	·
Date Dec 19, 2003	Country of Citizenship	Japanese
Residence Nagano, Japan	, same as below	
Post Office Address 2105:1	, Hirookatakaide, Shiojiri s	shi,
Nagano 399-0703, Japan	· · · · · · · · · · · · · · · · · · ·	

(Declaration and Power of Attorney [1-1] - page 6 of 7)

Rel.79-4/99 Pub.605)	FORM 1-1	1-11

(check proper box(es) for any of the following added page(s) that form a part of this declaration)

Ø	Signature for fourth and subsequent joint inventors. Number of pages added
	Signature by administrator(trix), executor(trix) or legal representative for deceased or
	incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	□ Number of pages added
	Authorization of practitioner(s) to accept and follow instructions from representative.
	• • •
	(if no further pages form a part of this Declaration, then end this Declaration with this page and check the following item)
	☐ This declaration ends with this page.

(Declaration and Power of Attorney [1-1] - page 7 of 7)

Full name	of	fourth	loint	inventor	if	anv
· wii iidiiic		104111	101111			a 1173

Makoto		Namioka
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature	makoto hamiok	a
Date <u>Dec 19, 20</u>	ood Country of Citizenship _	Japanese
Residence <u>Nagano, Japa</u>	an, same as below	
Post Office Address 16-1	5. Daimonkikyo cho, Shiojiri sl	ni,
Nagano 399-0745, Ja	pan	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
(OVER NAME)	(minute intrine on round)	TARIES (ON EAST TOWNE)
Inventor's signature	<u></u>	
Date	Country of Citizenship _	
Residence		
Post Office Address		

(9el.78-4/88 Pub.805) FORM 1-1	1-8
Practitioner's Docket No. 03-745	PATENT
COMBINED DECLARATION AND POWER OF ATTO	ORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL CONTINUATION, OR C-I-P)	L, DIVISIONAL.
As a below named inventor, I hereby declare that:	
TYPE OF DECLARATION	
This declaration is of the following type:	
(check one applicable item below)	
⊠ original.	
design.	
□ supplemental.	
NOTE: If the declaration is for an international Application being filed as a continuation-in-part application, do not check next item: check appropriate one of	
national stage of PCT. NOTE: If one of the following 3 items apply, then complete and also attach ADDED	PAGES FOR DIVISIONAL.
CONTINUATION OR C-I-P.	
NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior declaration in the continuation or divisional application being filed on behalf or inventors named in the prior application.	
☐ divisional.	
☐ continuation.	
NOTE.: Where an application discloses and claims subject matter not disclosed in the prior a or divisional application names an inventor not named in the prior application application must be filed under 37 C.F.R. § 1.53(b) (application filing recapplication).	on, a continuation-in-part
☐ continuation—in—part (C-I-P).	
INVENTORSHIP IDENTIFICATION	
WARNING: If the inventors are each not the inventors of all the claims, an explanation ownership of all the claims at the time the last claimed invention was made, she	
My residence, post office address and citizenship are as stated below, no I believe that I am the original, first and sole inventor (if only one name original, first and Joint Inventor (if plural names are listed below) of the claimed, and for which a patent is sought on the invention entitled:	is listed below) or an
TITLE OF INVENTION	
METAL / CERAMIC BONDING SUBSTRATE AND	<u></u>
METHOD FOR PRODUCING SAME	

(Declaration and Power of Attorney [1-1] -page 1 of 7)

SPECIFICATION IDENTIFICATI N

I hereto. g combinations of information as specification are acceptable the items below will be acceptated the items below will be acceptated to the items below will be acceptated and of inventor(s), and attorname of inventor(s), and title we of July 13, 1995 (1177 O.G.	,as	mpllance f 37 CFR nd to the · flled: or
g combinations of information as specification are accepted of the Items below will be accepted of the Items below will be accepted of the Items below will be accepted ame of Inventor(s), and attorname of Inventor(s), and title we of July 19, 1995 (1177 O.G.	ble as minimums for identifying a specification and completed as complying with the identification requirement of ence to an attached specification which is both attached ion and submitted with the oath or declaration on filing; may docket number which was on the specification as filed.* 60). 38 Serial No. 0 /	mpllance f 37 CFR nd to the · flled: or
h a specification are acceptation the items below will be acceptated the items below will be acceptated and referenciaration at the time of executivatine of inventor(s), and attornation of inventor(s), and title we of July 13, 1995 (1177 O.G.	ble as minimums for identifying a specification and completed as complying with the identification requirement of ence to an attached specification which is both attached ion and submitted with the oath or declaration on filing; may docket number which was on the specification as filed.* 60). 38 Serial No. 0 /	npllance f 37 CFR nd to the · flled: or
claration at the time of executi ame of inventor(s), and atton ame of inventor(s), and title w e of July 13, 1995 (1177 O.G.	tion and submitted with the oath or declaration on filing; ney docket number which was on the specification as thich was on the specification as filed.* 60). .as Serial No. 0 /	filed: or
mended on		
· · · · · · · · · · · · · · · · · · ·	(if applicable).	
ing date by being referred to in application papers or, in the cas	is are deposited with the PTO that contain new matter in the declaration. Accordingly, the amendments involved a se of a supplemental declaration, are those amendments ament of invention or claims. See 37 C. F. R. § 1.67.	ere those
	supplied in an oath or declaration filed after the filing scification and compliance with any one of the Items below requirement of \$7 CFR 1.63:	
cation.number (consisting of ti	the series code and the serial number, e.g., 08/123,456);	
ial number and filing date:		
erney docket number which wa	s on the specification as filed :	
	n as filed and reference to an attached specification which the of execution and submitted with the oath or declaration	
n for which it was intended by e , e. g., 08/123,456), or serial n	as filed and accompanied by a cover letter eccurately id alther the application number (consisting of the series code number and filing date. Absent any statement(s) to the co In the PTO is the application which the inventor(s) exec	e and the ontrary, it
ribed and claimed in f	PCT International Application No.	
	, filed on	and as
	(if any).
	ribed and claimed in	ribed and claimed in PCT International Application No.

(Declaration and Power of Attorney [1-1] - page 2 of 7